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smooth surface be obtained; then boil one half pound logwood chips in water for one hour, brush this liquor over while hot, and when dry give another coat; then brush over the frame with the following liquor: one half ounce green copperas in half pint hot water, stirring with a stick. When dry, paper smooth, using very old or the very finest sandpaper. Now procure say one pound black japan, pour a small quantity in a cup, and thin with turps until of the consistency of paint. Brush this carefully over the frame, using a clean fine hair paint-brush. When dry, give another coat. The frame should be varnished in a warm room free from dust. When set, the frame will have a handsome appearance, and will not chip. If a gold line be preferred inside, when the frame has had one coat remove carefully with sandpaper any japan that has run on the part to be gilt, then varnish carefully all other parts, but avoid letting any particle of the japan run on the part to be gilt. When dry, procure a small quantity, say half gill, of best japanners' gold-size, warm the size by standing the bottle in warm water, pour a little of the gold-size in a saucer, and with a camel's-hair brush go very carefully over the part to be gilt; place the frame aside for two or three hours, lay a sheet of gold-leaf on a cushion, cut the gold in strips with a blunt knife, take up a strip of gold on the tip, lay it evenly on the gold-sized line until the whole is covered, then press gently the gold-leaf with a pad of the best cotton-wool; when quite dry, say after forty-eight hours, procure a sheet of fine tissue-paper, wrap it round a paper-knife, and gently burnish the gold by rubbing carefully backward and forward; should the gold in any place be rubbed off, touch with gold-size, add a piece of gold-leaf, and when wet, burnish carefully. Those who care not to take the trouble may use the gold-bronze powder, put on with a brush, using best copal varnish one part, and turps one part.

We invite answers to the following Queries for our December number. If not answered before we go to press with the December number (24th of November) we shall "drop" them, as we begin the new volume in January, 1880, with a fresh series of Questions:

39. Cupboard.
45. Planes.
63. Statuary.
72. Drawings.
73. Flower-Stand.
74. Window-Garden.
75. Fruit and Cigar Stand.
77. Spring and Plumb Bevel.
78. Dimensions.

WOOD POLISH.—If it is desired to retain the natural color of the wood, the carving may be simply oiled with linseed oil, or if a higher polish is wanted, use white hard varnish with a camel's-hair brush in a warm room. This is a very durable varnish.

Drawings for the Million.

Owing to the complete clearing out of some of the packages previously advertised, we have been obliged to reduce the number to eight. We have also reduced the price of the set of eight packages to FIVE DOLLARS, thus placing within the reach of every enterprising, go-ahead carpenter, builder or architect an opportunity of obtaining an encyclopædia of building and architectural information that could not be secured in any other form for twice the amount.

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Package No. 2 contains 72 elevations and plans of cottages, city houses, banks, villas, and country houses; also plan and elevation of schoolhouse, and 125 detail drawings of desks, counters, doors, door finish, piazzas, gables, dormers, wainscoting, chimney-cases, ceilings, front gables, porches, verandas, timber roofs, crests, towers, vanes, stairs, mantels, balusters, newels, grilles, cornices, gateways, railing, etc., etc.

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